

(FILE 'HOME' ENTERED AT 12:33:52 ON 16 MAR 2002)

FILE 'MEDLINE, EMBASE, CAPLUS, BIOSIS' ENTERED AT 12:36:14 ON 16 MAR 2002

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L1      110756 S EGF OR EPIDERMAL GROWTH FACTOR
L2      534 S L1 AND ISCHEM?
L3      301 DUP REM L2 (233 DUPLICATES REMOVED)
L4      193 S L3 AND PY=<1998
L5      0 S L4 AND ISHEMI?/TI
L6      4 S L4 AND NEUROLOG?
L7      5 S L4 AND TRAUMA?
L8      82 S L4 AND INJURY
L9      3 S L8 AND CEREBRAL?
L10     909584 S L4 AND NERV? OR NEURON?
L11     7 S L4 AND CENTRAL NERVOUS SYSTEM
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L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

AN 1998:351778 CAPLUS

DN 129:12947

TI Pretreatment with growth factors to protect against CNS damage

IN Reynolds, Brent; Poulin, Paule

PA Neurospheres Holdings Ltd., Can.

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|--------------|
| PI | WO 9822127 / | A1 | 19980528 | WO 1997-CA859 | 19971114 <-- |
| | W: AU, CA, CN, FI, JP, MX, NO | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE | AU 9850433 | A1 | 19980610 | AU 1998-50433 | 19971114 <-- |
| | EP 941109 | A1 | 19990915 | EP 1997-913033 | 19971114 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, | | | | |
| | IE, FI | | | | |
| | JP 2001504123 | T2 | 20010327 | JP 1998-523029 | 19971114 |
| | NO 9902364 | A | 19990514 | NO 1999-2364 | 19990514 |
| PRAI | US 1996-30485 | P | 19961115 | | |
| | WO 1997-CA859 | W | 19971114 | | |

L7 ANSWER 2 OF 5 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 94103356 EMBASE
DN 1994103356
TI Endogenous neuroprotection factors and **traumatic** brain injury:
Mechanisms of action and implications for therapy.
AU Mattson M.P.; Scheff S.W.
CS 211 Sanders-Brown Building, University of Kentucky, 800 South Limestone
Street, Lexington, KY 40536-0230, United States
SO Journal of Neurotrauma, (1994) 11/1 (3-33).
ISSN: 0897-7151 CODEN: JNEUE4
CY United States
DT Journal; General Review
FS 008 Neurology and Neurosurgery
LA English
S

L11 ANSWER 4 OF 7 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 93165884 EMBASE
 DN 1993165884
 TI Excitatory amino acid receptors, excitotoxicity and the human nervous system.
 AU Shaw P.J.
 CS Department of Neurology, Ward G, Royal Victoria Infirmary, Newcastle upon Tyne NE1 4LP, United Kingdom
 SO Current Opinion in Neurology and Neurosurgery, (1993) 6/3 (414-422).
 ISSN: 0951-7383 CODEN: CNENE8
 CY United Kingdom
 DT Journal; General Review
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 037 Drug Literature Index
 052 Toxicology
 LA English
 SL English

L11 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS
 AN 1998:351778 CAPLUS
 DN 129:12947
 TI Pretreatment with growth factors to protect against CNS damage
 IN Reynolds, Brent; Poulin, Paule
 PA Neurospheres Holdings Ltd., Can.
 SO PCT Int. Appl., 30 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|--------------|
| PI | WO 9822127 | A1 | 19980528 | WO 1997-CA859 | 19971114 <-- |
| | W: AU, CA, CN, FI, JP, MX, NO | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE | AU 9850433 | A1 | 19980610 | AU 1998-50433 | 19971114 <-- |
| | EP 941109 | A1 | 19990915 | EP 1997-913033 | 19971114 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | JP 2001504123 | T2 | 20010327 | JP 1998-523029 | 19971114 |
| | NO 9902364 | A | 19990514 | NO 1999-2364 | 19990514 |
| PRAI | US 1996-30485 | P | 19961115 | | |
| | WO 1997-CA859 | W | 19971114 | | |

L11 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS
 AN 1991:507142 CAPLUS
 DN 115:107142
 TI Regulation of nerve growth factor synthesis in the **central nervous system** for neurological disease treatment
 IN Lindholm, Dan Bjarne; Thoenen, Hans Friedrich Erwin; Hengerer, Bastian
 PA Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Fed. Rep. Ger.
 SO PCT Int. Appl., 89 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|--------------|
| PI | WO 9102067 / | A1 | 19910221 | WO 1990-EP1232 | 19900727 <-- |
| | RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE | | | | |
| | EP 484416 | A1 | 19920513 | EP 1990-911746 | 19900727 <-- |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE | | | | |
| | JP 05025056 | A2 | 19930202 | JP 1990-198053 | 19900727 <-- |
| PRAI | US 1989-386546 | | 19890727 | | |

US 1990-555006 19900720
WO 1990-EP1232 19900727

L11 ANSWER 7 OF 7 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1997:535013 BIOSIS
DN PREV199799834216
TI Heparin-binding **epidermal growth factor**-like
(HB-**EGF**) expression is increased in the brain following
ischemic injury.
AU Kostyk, S. K. (1); Kawamata, T.; Dluzy, S.; Takashima, S.; Klagsbrun, M.;
Finklestein, S. P.)
CS (1) VA Med. Center, West Roxbury, MA 02132 USA
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 2439. /
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience New
Orleans, Louisiana, USA October 25-30, 1997
ISSN: 0190-5295.
DT Conference; Abstract; Conference
LA English

L11 ANSWER 1 OF 7 MEDLINE
 AN 1998119815 MEDLINE
 DN 98119815 PubMed ID: 9450997
 TI A strain-independent postnatal neurodegeneration in mice lacking the
 EGF receptor.
 AU Sibilia M; Steinbach J P; Stingl L; Aguzzi A; Wagner E F
 CS Research Institute of Molecular Pathology (IMP), Dr Bohr-Gasse 7, A-1030
 Vienna, Austria.
 SO EMBO JOURNAL, (1998 Feb 2) 17 (3) 719-31.
 Journal code: EMB; 8208664. ISSN: 0261-4189.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199803
 ED Entered STN: 19980319
 Last Updated on STN: 20000303
 Entered Medline: 19980306

L11 ANSWER 2 OF 7 MEDLINE
 AN 97411431 MEDLINE
 DN 97411431 PubMed ID: 9266409
 TI Treatment strategies for neurodegenerative diseases based on trophic
 factors and cell transplantation techniques.
 AU Hoffer B; Olson L
 CS Department of Pharmacology and Psychiatry, University of Colorado Health
 Sciences Center, Denver, USA.
 NC AG04418 (NIA)
 NS09199 (NINDS)
 SO JOURNAL OF NEURAL TRANSMISSION. SUPPLEMENTUM, (1997) 49 1-10.
 Ref: 31
 Journal code: JAK; 0425126. ISSN: 0303-6995.
 CY Austria
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 199710
 ED Entered STN: 19971021
 Last Updated on STN: 20000303
 Entered Medline: 19971003

L11 ANSWER 3 OF 7 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 1998272036 EMBASE
 TI Role of MAP kinase in neurons.
 AU Fukunaga K.; Miyamoto E.
 CS K. Fukunaga, Department of Pharmacology, Kumamoto Univ. School of
 Medicine, Kumamoto 860, Japan
 SO Molecular Neurobiology, (1998) 16/1 (79-95).
 Refs: 102
 ISSN: 0893-7648 CODEN: MONBEW
 CY United States
 DT Journal; Article
 FS 008 Neurology and Neurosurgery
 029 Clinical Biochemistry
 LA English
 SL English

L4 ANSWER 25 OF 193 MEDLINE
AN 97309088 MEDLINE
DN 97309088 PubMed ID: 9166279
TI Insulin-like growth factors prevent apoptosis in cortical neurons
isolated
from stroke-prone spontaneously hypertensive rats.
AU Tagami M; Yamagata K; Nara Y; Fujino H; Kubota A; Numano F; Yamori Y
CS Department of Internal Medicine, SANRAKU Hospital, Tokyo, Japan.
SO LABORATORY INVESTIGATION, (1997 May) 76 (5) 603-12. /
Journal code: KZ4; 0376617. ISSN: 0023-6837.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199706
ED Entered STN: 19970630
Last Updated on STN: 19970630

L9 ANSWER 1 OF 3 MEDLINE
 AN 1998240442 MEDLINE
 DN 98240442 PubMed ID: 9579279
 TI From the bench to the bedside: the molecular management of
cerebral ischemia.
 AU Maiese K
 CS Department of Neurology, Wayne State University School of Medicine,
 Detroit, Michigan 48201, USA.
 SO CLINICAL NEUROPHARMACOLOGY, (1998 Jan-Feb) 21 (1) 1-7. Ref: 49 /
 Journal code: CNK; 7607910. ISSN: 0362-5664.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 199807
 ED Entered STN: 19980713
 Last Updated on STN: 20000303
 Entered Medline: 19980701

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
 AN 1998:323165 CAPLUS
 DN 129:8577
 TI Methods for regulating angiogenesis
 IN Isner, Jeffrey M.; Asahara, Takayuki
 PA St. Elizabeth's Medical Center of Boston, Inc., USA
 SO PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|--------------|
| PI | WO 9819712 | A1 | 19980514 | WO 1997-US19935 | 19971106 <-- |
| | W: AU, CA, JP | | | | |
| | RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, | | | | |
| SE | US 5980887 | A | 19991109 | US 1996-744882 | 19961108 |
| | AU 9852432 | A1 | 19980529 | AU 1998-52432 | 19971106 <-- |
| | EP 941125 | A1 | 19990915 | EP 1997-947319 | 19971106 |
| | R: DE, FR, GB, IT | | | | |
| | JP 2001503427 | T2 | 20010313 | JP 1998-521645 | 19971106 |
| PRAI | US 1996-744882 | A | 19961108 | | |
| | WO 1997-US19935 | W | 19971106 | | |

L9 ANSWER 3 OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1997:535013 BIOSIS
 DN PREV199799834216
 TI Heparin-binding **epidermal growth factor-like**
(HB-EGF) expression in increased in the brain following
ischemic injury.
 AU Kostyk, S. K. (1); Kawamata, T.; Dluuz, S.; Takashima, S.; Klagsbrun, M.;
 Finklestein, S. P.
 CS (1) VA Med. Center, West Roxbury, MA 02132 USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 2439.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience New
 Orleans, Louisiana, USA October 25-30, 1997
 ISSN: 0190-5295.

6 OF 82 MEDLINE
AN 96419031 MEDLINE
DN 96419031 PubMed ID: 8821816
TI Response of the intrarenal insulin-like growth factor-I axis to acute
ischemic injury and treatment with growth hormone and
epidermal growth factor.
AU Fervenza F C; Tsao T; Rabkin R
CS Department of Medicine, Stanford University and Veterans Affairs Medical
Center, Palo Alto, California, USA.
SO KIDNEY INTERNATIONAL, (1996 Feb) 49 (2) 344-54. /
Journal code: KVB; 0323470. ISSN: 0085-2538.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199611
ED Entered STN: 19961219
Last Updated on STN: 20000303
Entere

82 MEDLINE
AN 1998199725 MEDLINE
DN 98199725 PubMed ID: 9538899
TI **Epidermal growth factor** protects neuronal
cells in vivo and in vitro against transient forebrain **ischemia-**
and free radical-induced **injuries**.
AU Peng H; Wen T C; Tanaka J; Maeda N; Matsuda S; Desaki J; Sudo S; Zhang B;
Sakanaka M
CS Department of Anatomy, Ehime University School of Medicine, Japan.
SO JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, (1998 Apr) 18 (4) /
349-60.
Journal code: HNL; 8112566. ISSN: 0271-678X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199804
ED Entered STN: 19980430
Last Updated on STN: 20000303
Entere